

# Replacement Sheet

☐ QA Audit

☐ X

Select all

Unselect all

Set defaults

Save set As...

Load set...

Title	Abbreviation	Chosen
<input type="checkbox"/> Coding Style		<input checked="" type="checkbox"/>
Access of Static Members Through Objects	AOSMTO	<input checked="" type="checkbox"/>
Assignment To Formal Parameters	ATFP	<input checked="" type="checkbox"/>
Complex Assignment	CA	<input checked="" type="checkbox"/>
Don't Use the Negation Operator Frequently	DUNOF	<input checked="" type="checkbox"/>
Operator '?.' May Not Be Used	OMNBU	<input checked="" type="checkbox"/>
Provide Incremental In For-Statement or use w...	PIIFS	<input checked="" type="checkbox"/>
Replacement For Demand Imports	RFDI	<input checked="" type="checkbox"/>
Use Abbreviated Assignment Operator	UAAO	<input checked="" type="checkbox"/>
Use 'this' Explicitly To Access Class Members	UTETACM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Critical Errors		<input checked="" type="checkbox"/>
Avoid Hiding Inherited Attributes	AHIA	<input checked="" type="checkbox"/>
Avoid Hiding Inherited Static Methods	AHISM	<input checked="" type="checkbox"/>
Command Query Separation	CQS	<input checked="" type="checkbox"/>
Hiding of Names	HON	<input checked="" type="checkbox"/>
Inaccessible Constructor Or Method Matches	ICOMM	<input checked="" type="checkbox"/>
Multiple Visible Declarations With Same Name	MVDWSN	<input checked="" type="checkbox"/>
Overriding a Non-Abstract Method With an Ab...	ONAMWAM	<input checked="" type="checkbox"/>
Overriding a Private Method	OPM	<input checked="" type="checkbox"/>

Severity: 

High

AOSMTO - Access Of Static Members Through Objects

804

Static members should be referenced through class names rather than through objects.

Start

Cancel

Help

X

FIG. 8A

# Replacement Sheet

806

☐ QA Audit

Title	Abbreviation	Chosen	
Complex Assignment	CA	<input checked="" type="checkbox"/>	▼
Don't use the Negation Operator Frequently	DUNOF	<input checked="" type="checkbox"/>	
Operator '?': May Not Be Used	OMNBU	<input checked="" type="checkbox"/>	
Provide Incremental In For-Statement or use w...	PIIFS	<input checked="" type="checkbox"/>	
Replacement For Demand Imports	RFDI	<input checked="" type="checkbox"/>	
Use Abbreviated Assignment Operator	UAAO	<input checked="" type="checkbox"/>	▼

Severity: 

Normal ▼

CA - Complex Assignment

808

Checks for the occurrence of multiple assignments and assignments to variables within the same expression. Too complex assignments should be avoided since they decrease program readability.

Wrong

```
// compound assignment
i *= j++;
k = j = 10;
l = j += 15;
// nested assignment
i = j++ + 20;
i = (j = 25) + 30;
```

810

Tip: Break statement into several ones.

FIG. 8B

# Replacement Sheet

908

☐ QA Audit

☐

Title	Abbreviation	Chosen	Severity: <span style="border: 1px solid black; padding: 2px;">Normal</span>
Complex Assignment	CA	<input checked="" type="checkbox"/>	
Don't Use the Negation Operator Frequently	DUNOF	<input checked="" type="checkbox"/>	
Operator '?' May Not Be Used	OMNBU	<input checked="" type="checkbox"/>	
Provide Incremental In For-Statement or use w...	PIIFS	<input checked="" type="checkbox"/>	

**Tip: Break statement into several ones.**

**Right**

```

// instead of i *=j++;
j++;
i *= j
// instead of k = j = 10;
k = 10;
j = 10;
// instead of l = j += 15;
j += 15;
l = j;
// instead of i = j++ = 20;
j++;
i = j + 20;
// instead of i = (j = 25) + 30;
j = 25;
i = j + 30;
          
```

812

FIG. 8C

# Replacement Sheet

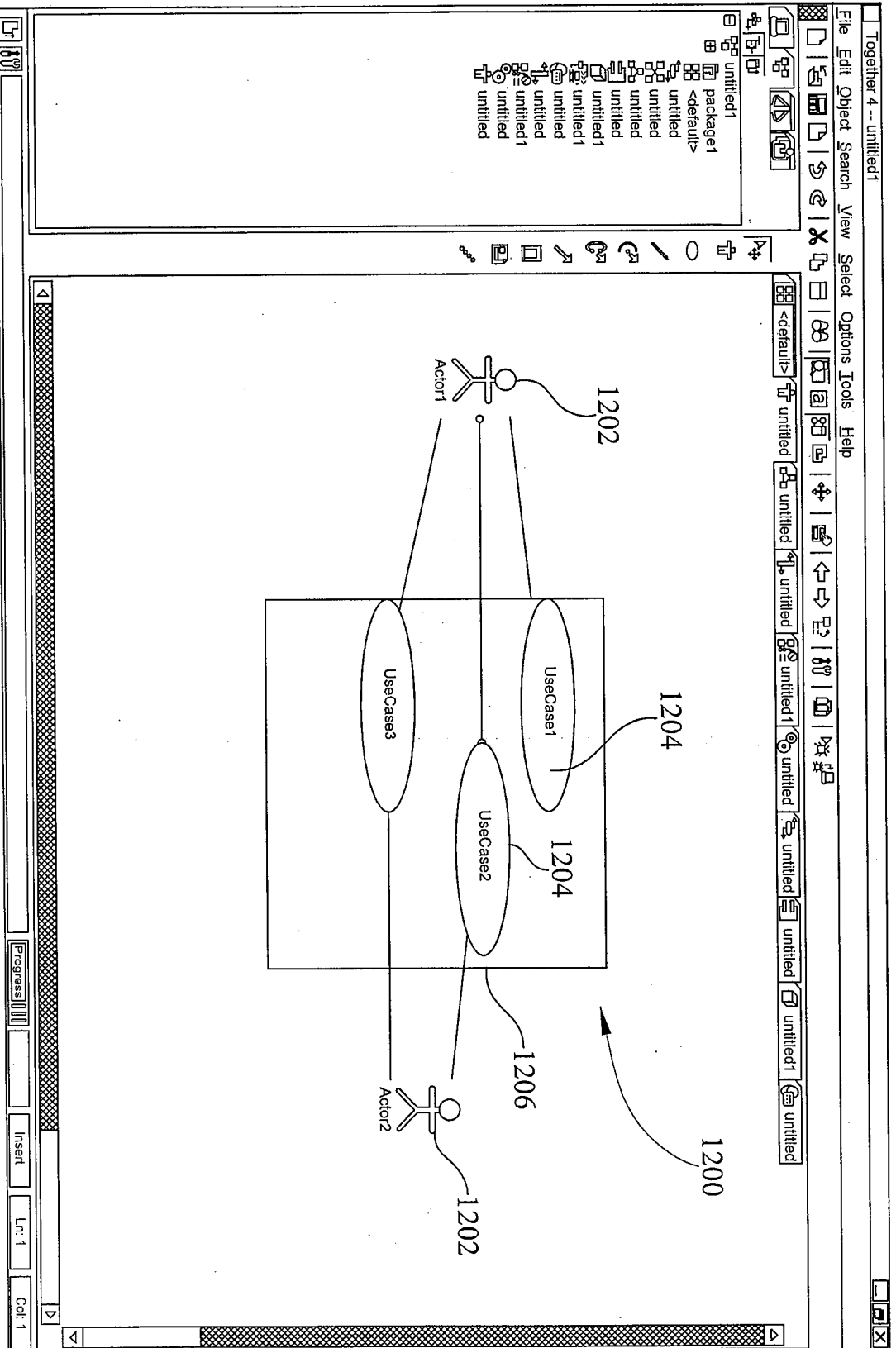


FIG. 12

# Replacement Sheet

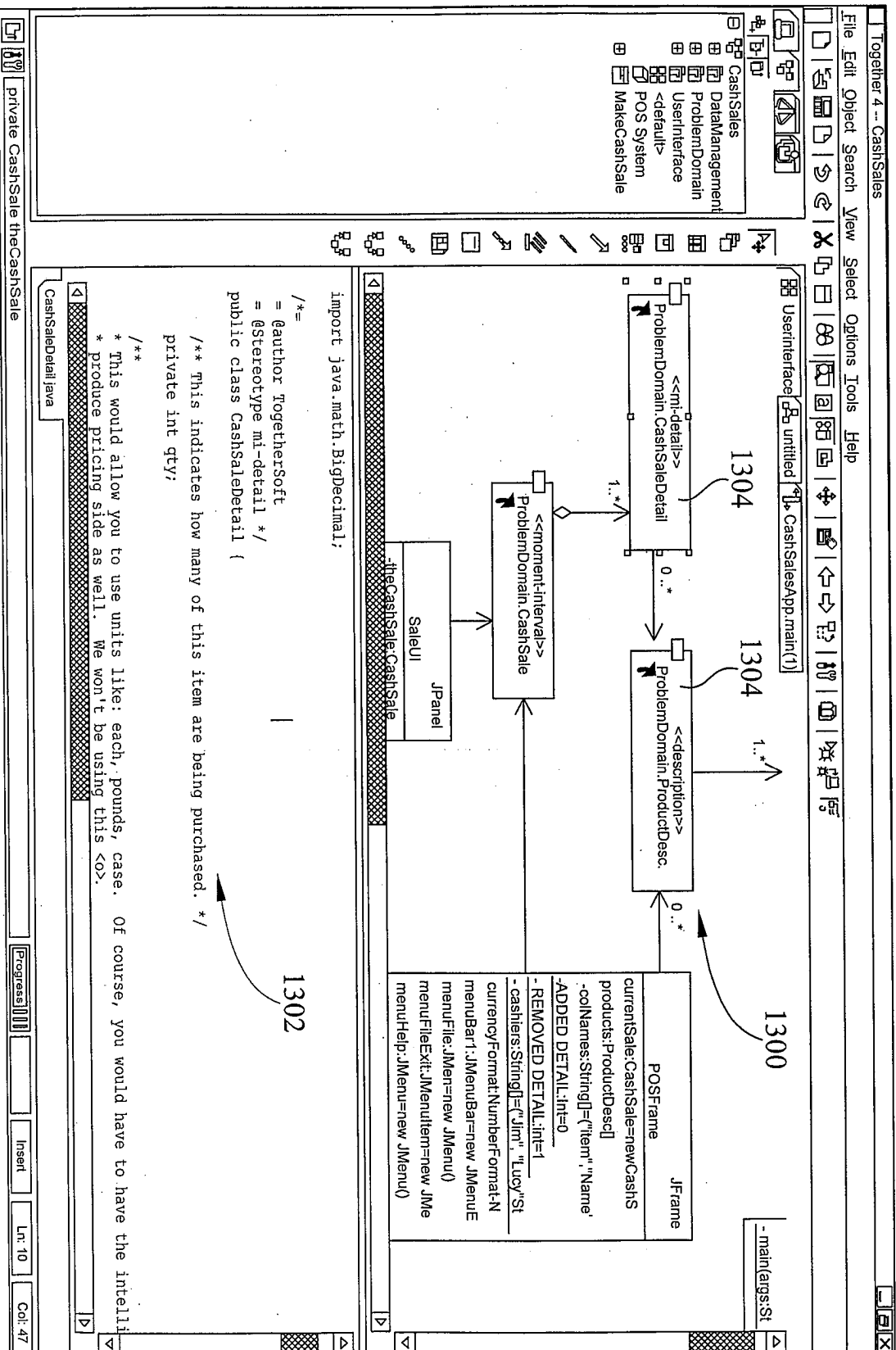


FIG. 13

# Replacement Sheet

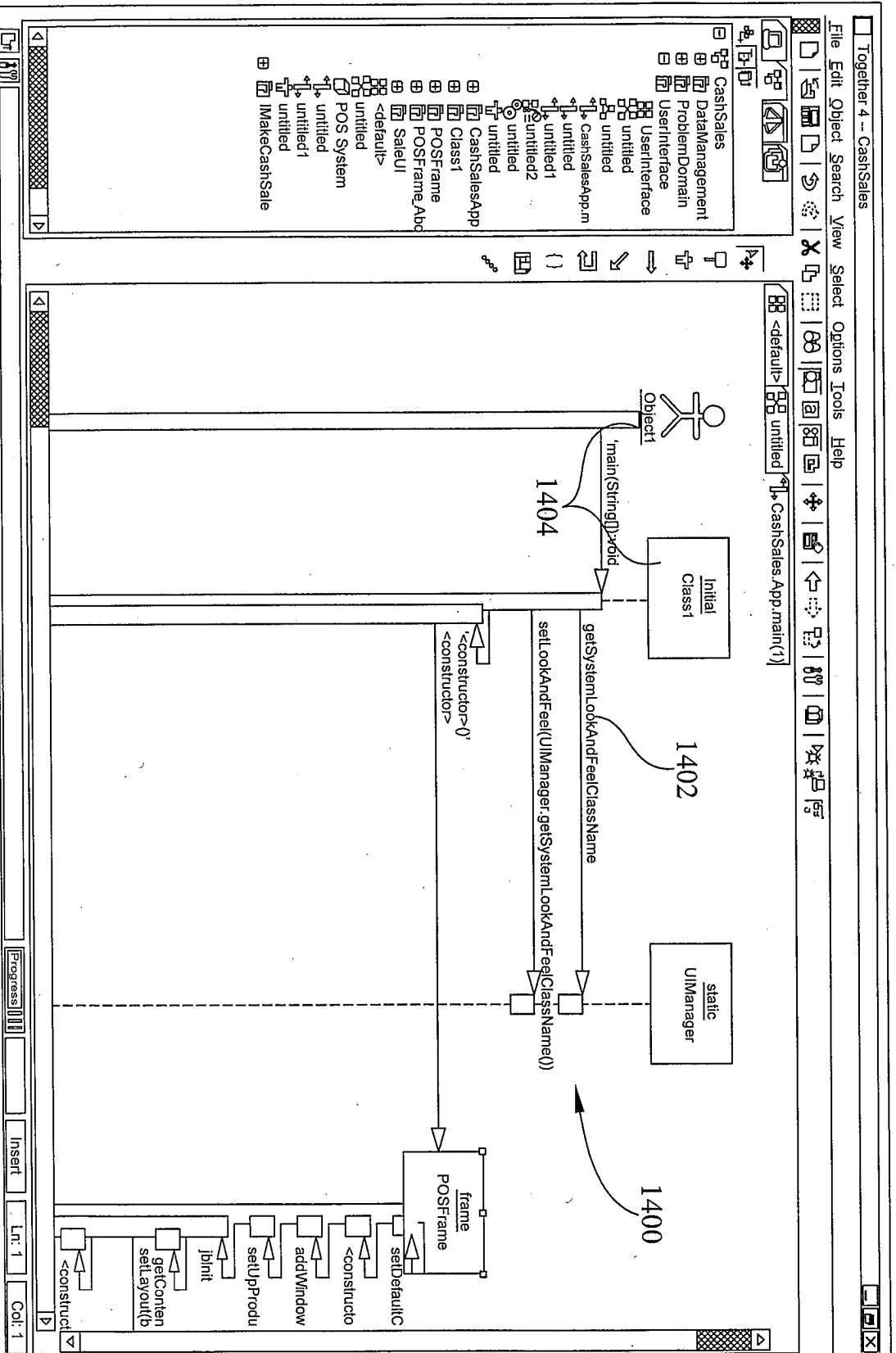


FIG. 14

# Replacement Sheet

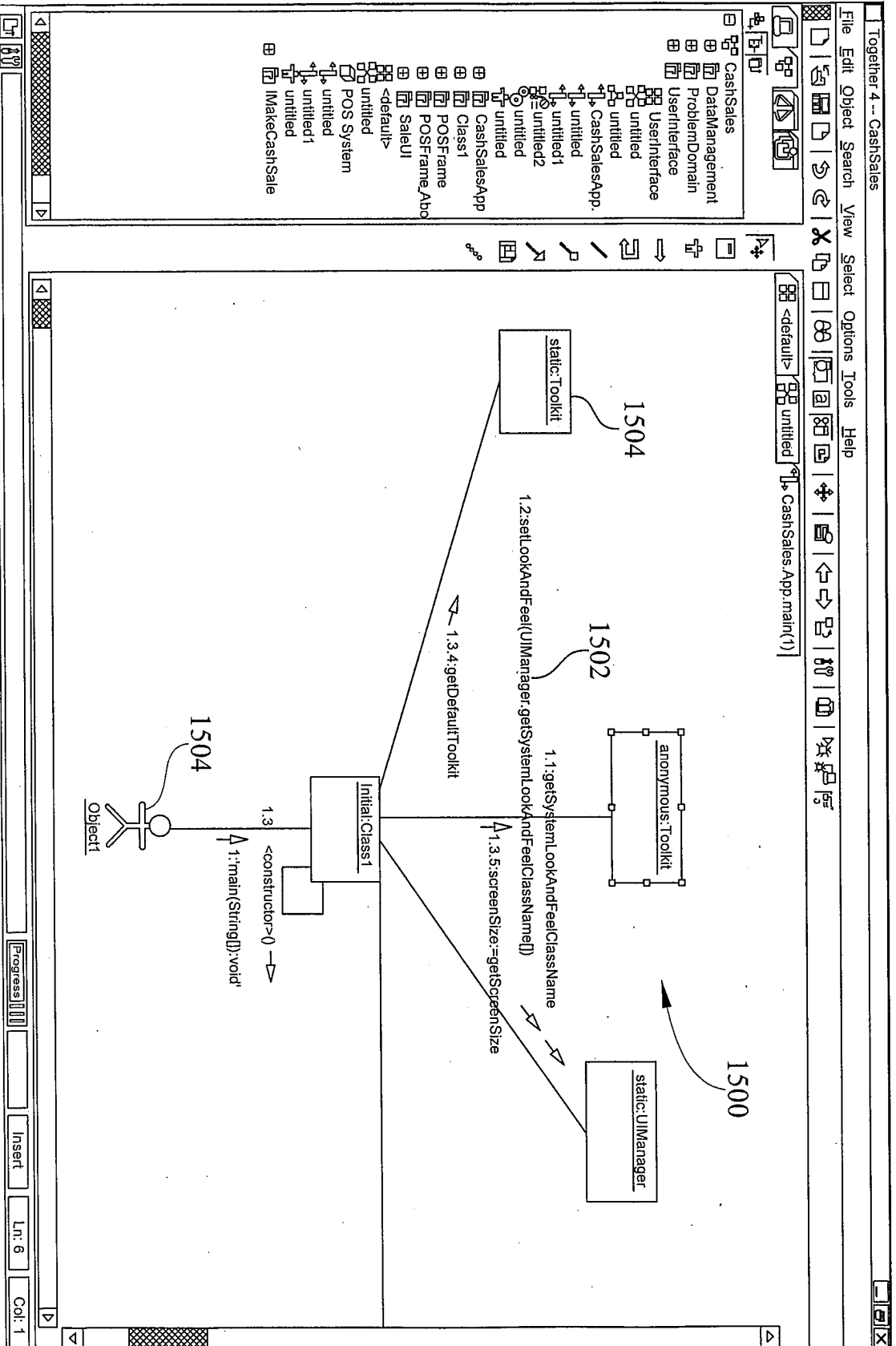


FIG. 15

# Replacement Sheet

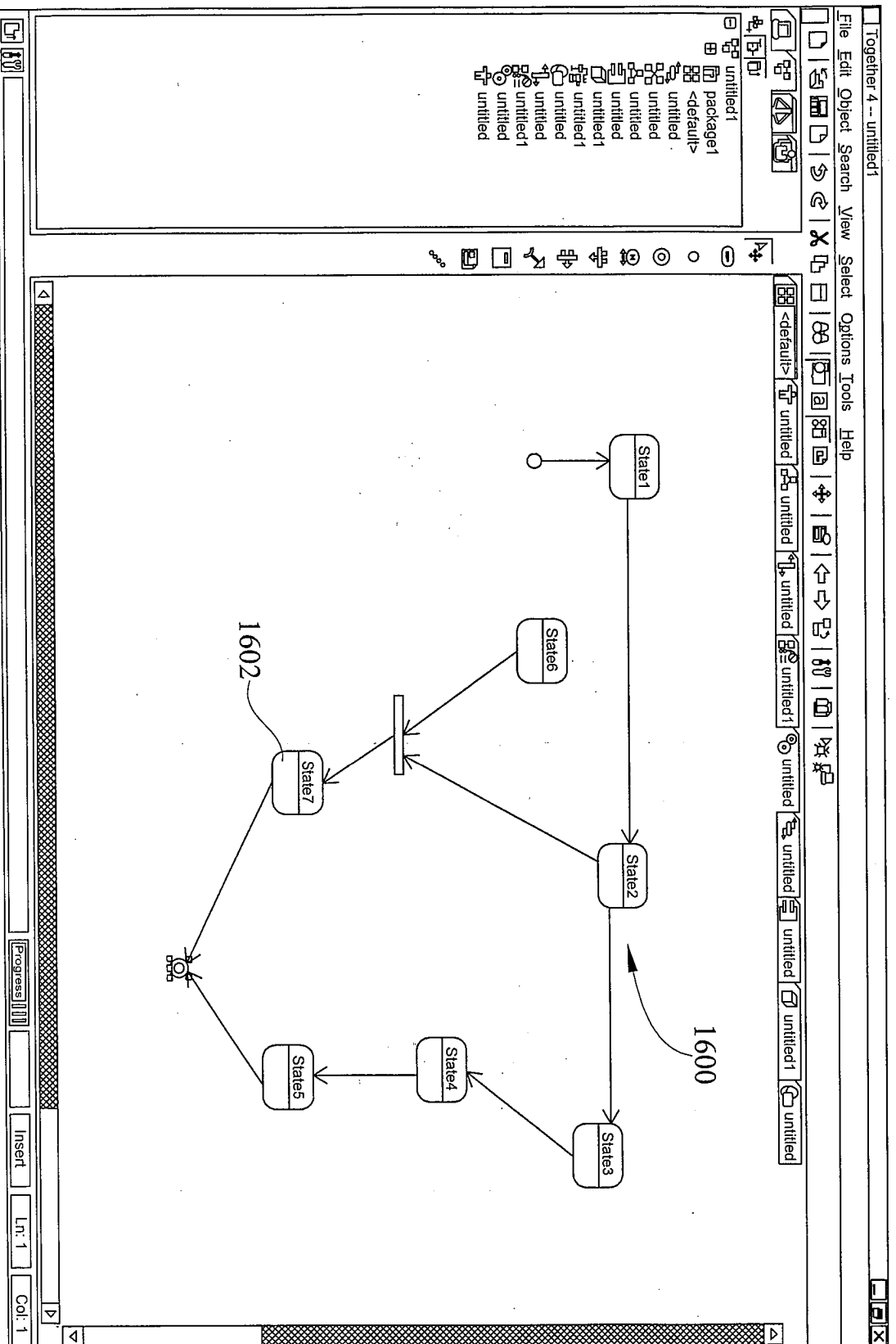


FIG. 16



# Replacement Sheet

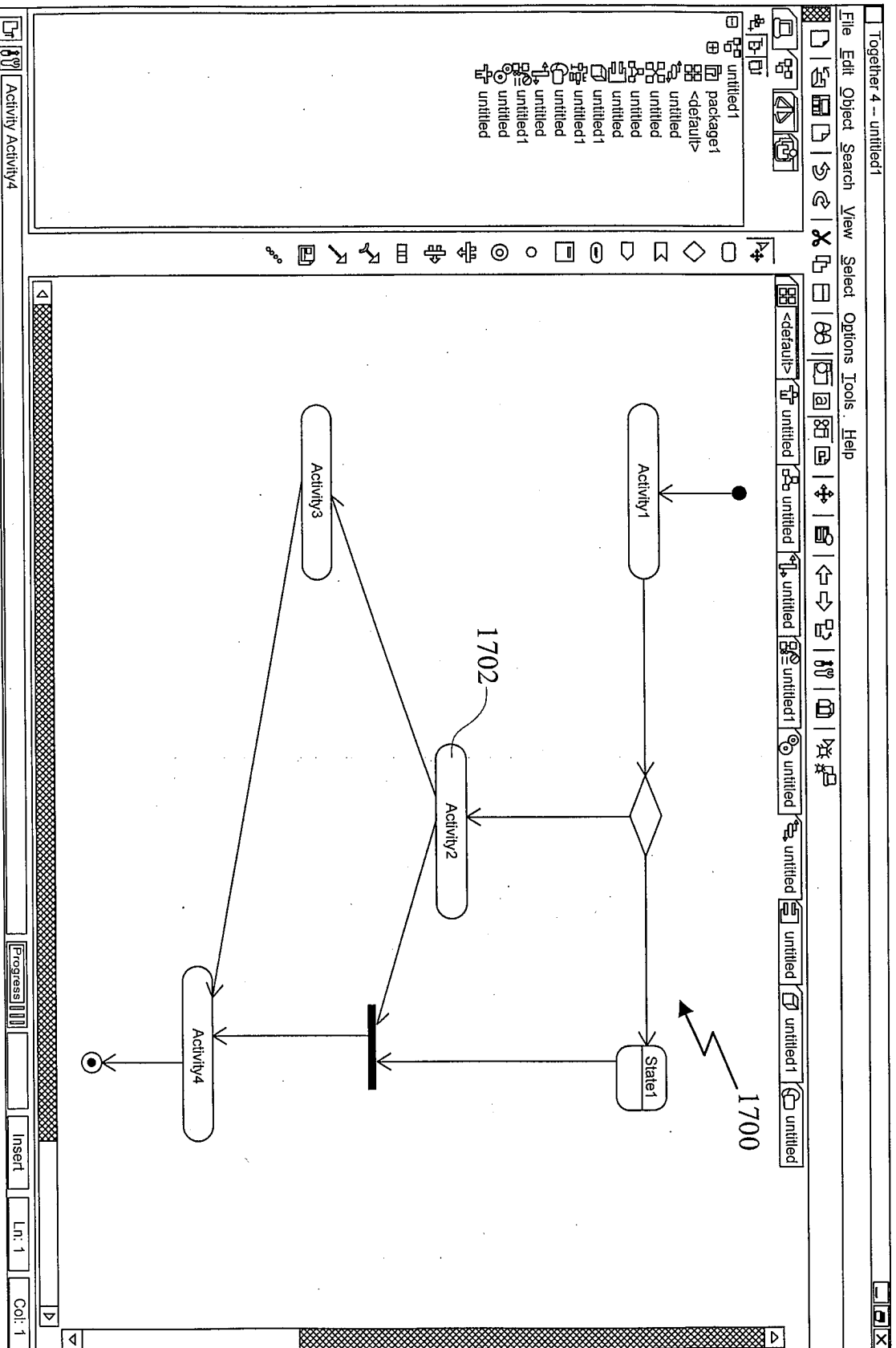


FIG. 17

# Replacement Sheet

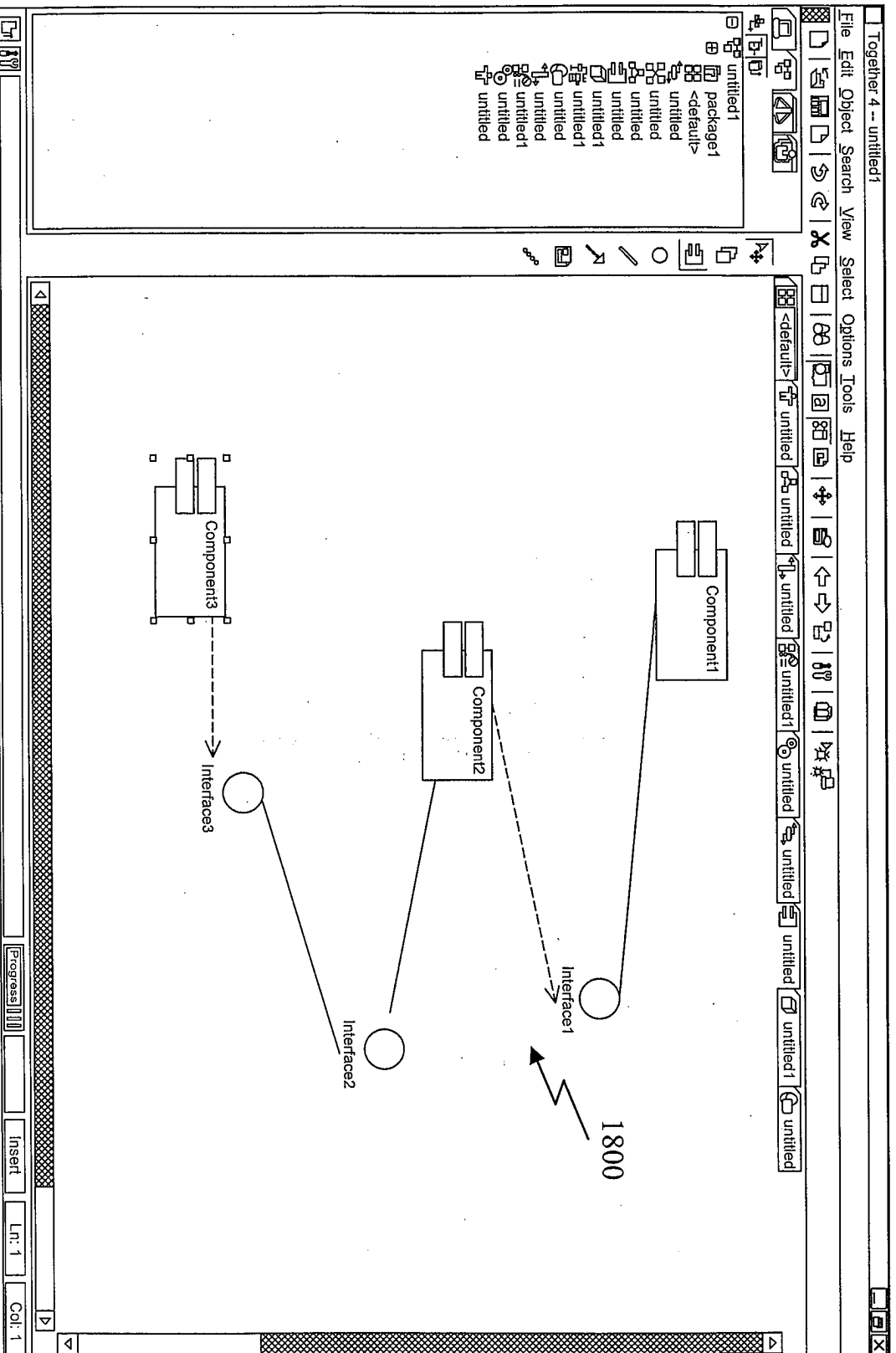


FIG. 18

# Replacement Sheet

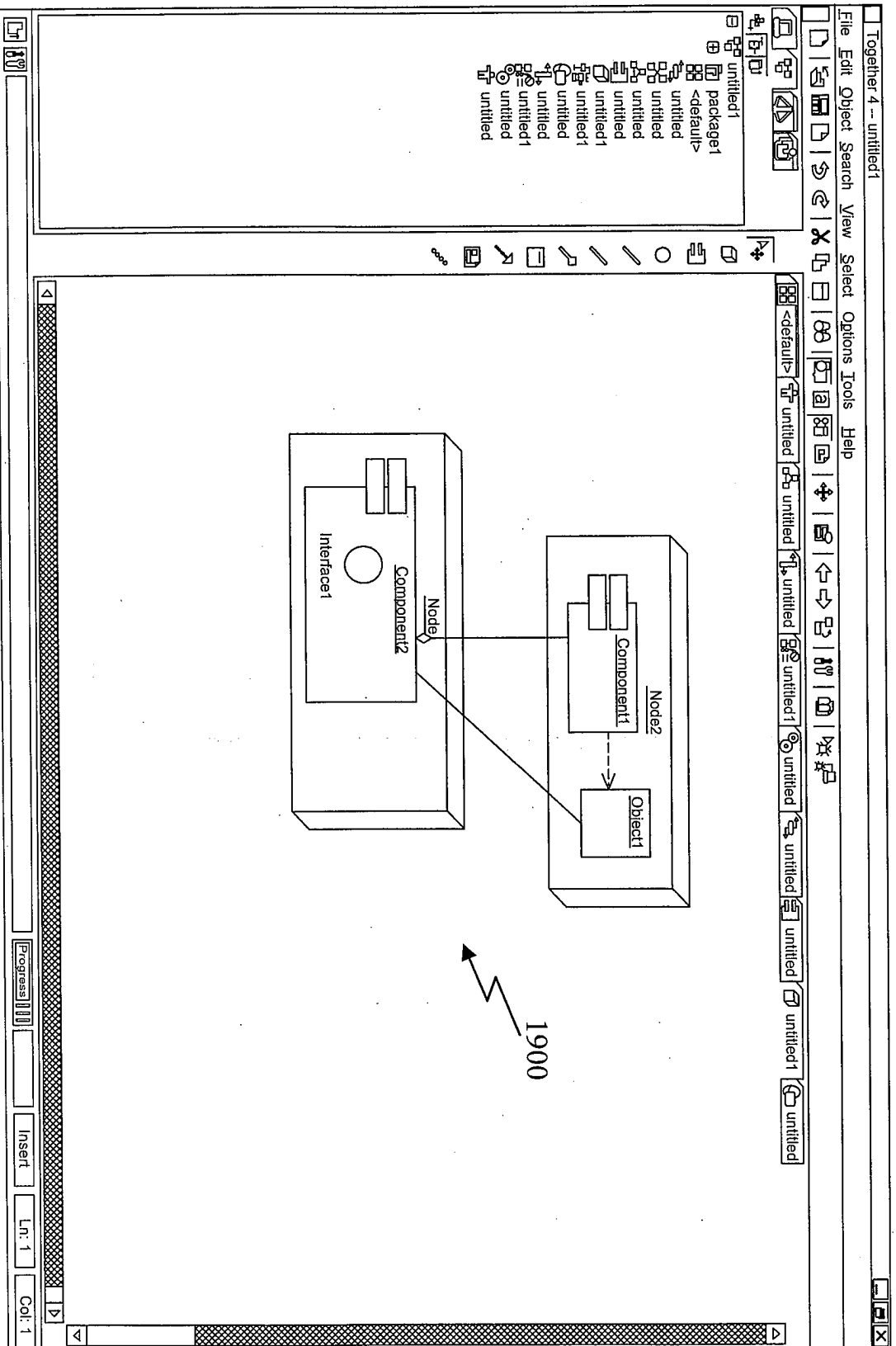


FIG. 19

# Replacement Sheet

2200

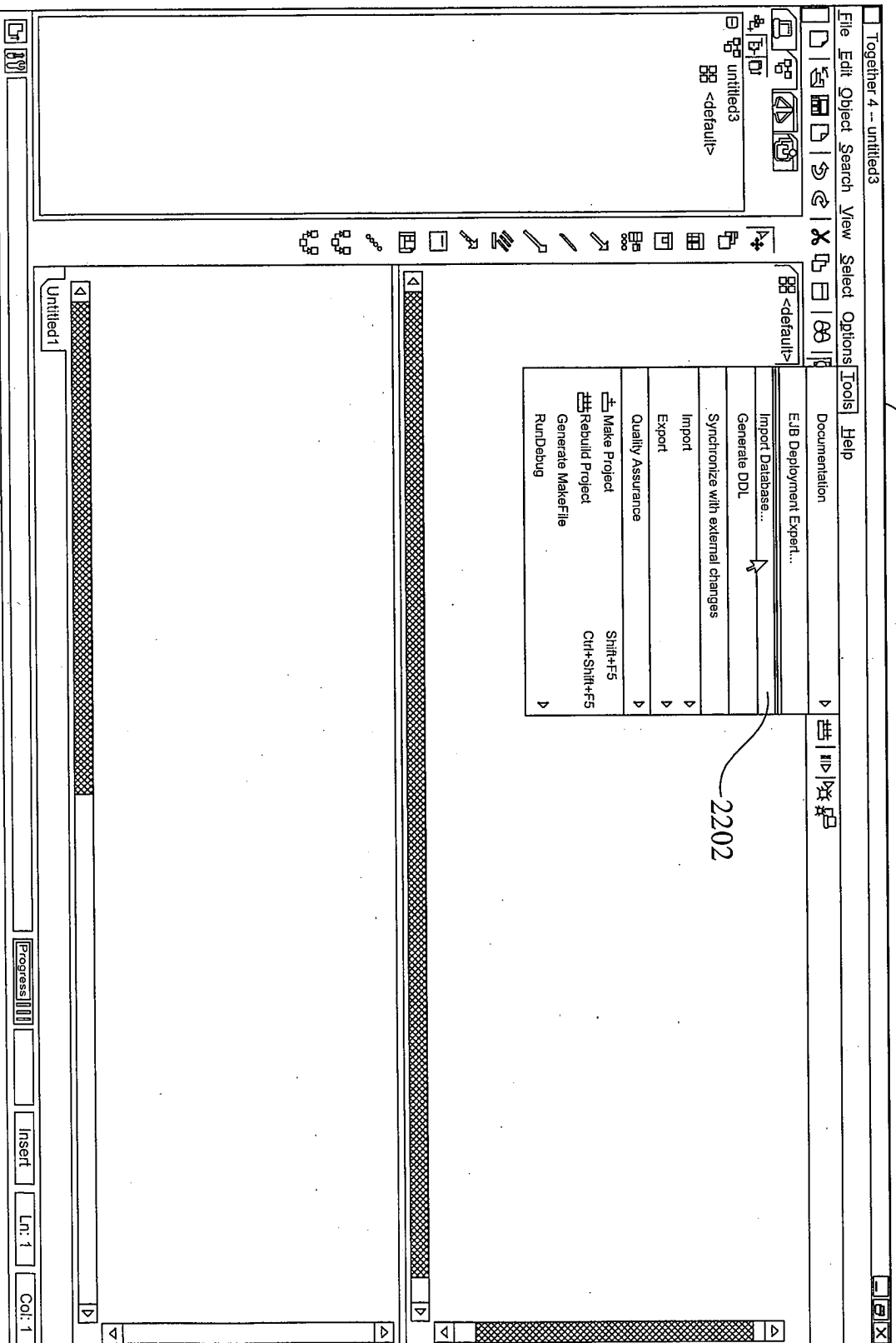


FIG. 22

# Replacement Sheet

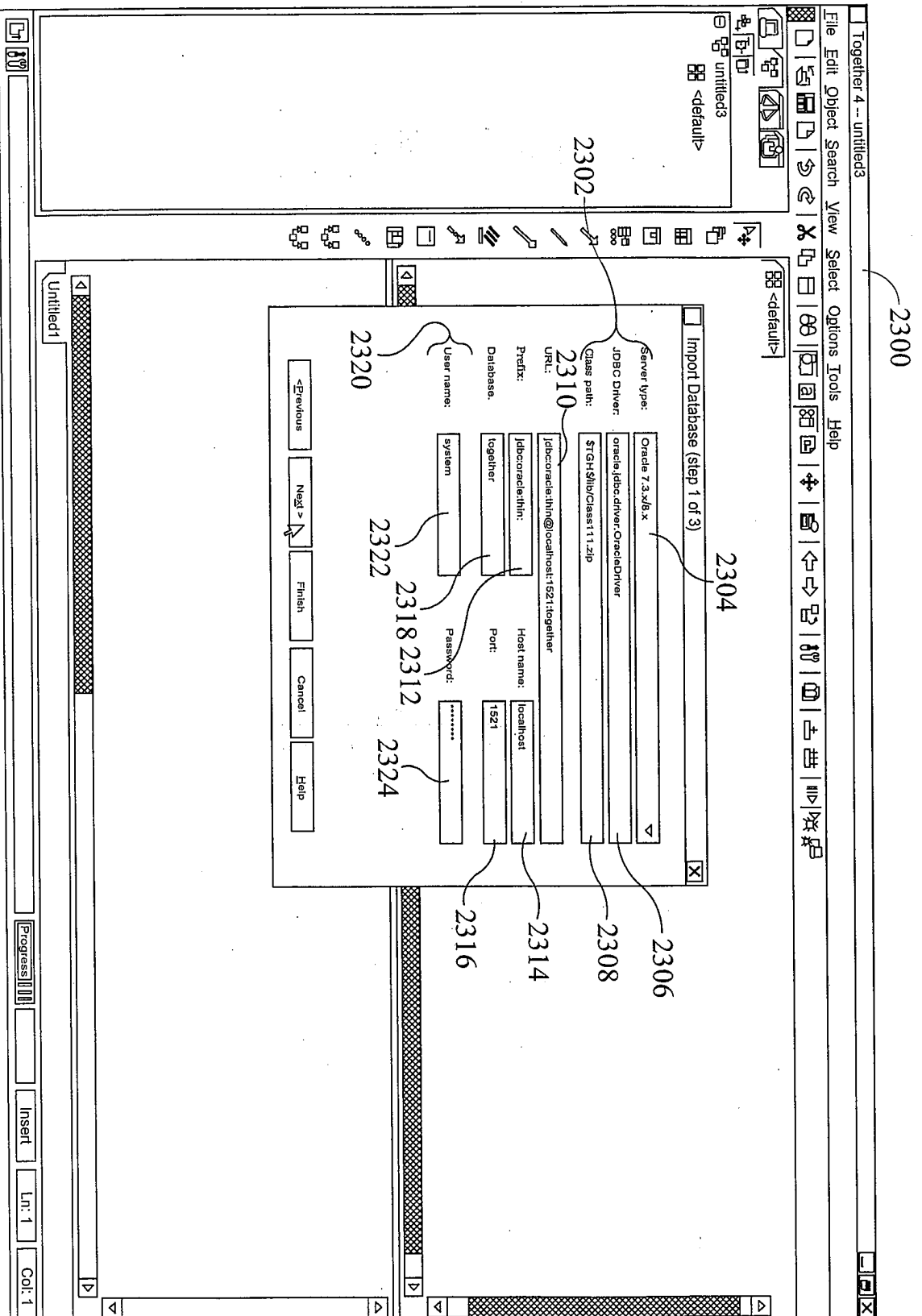


FIG. 23

# Replacement Sheet

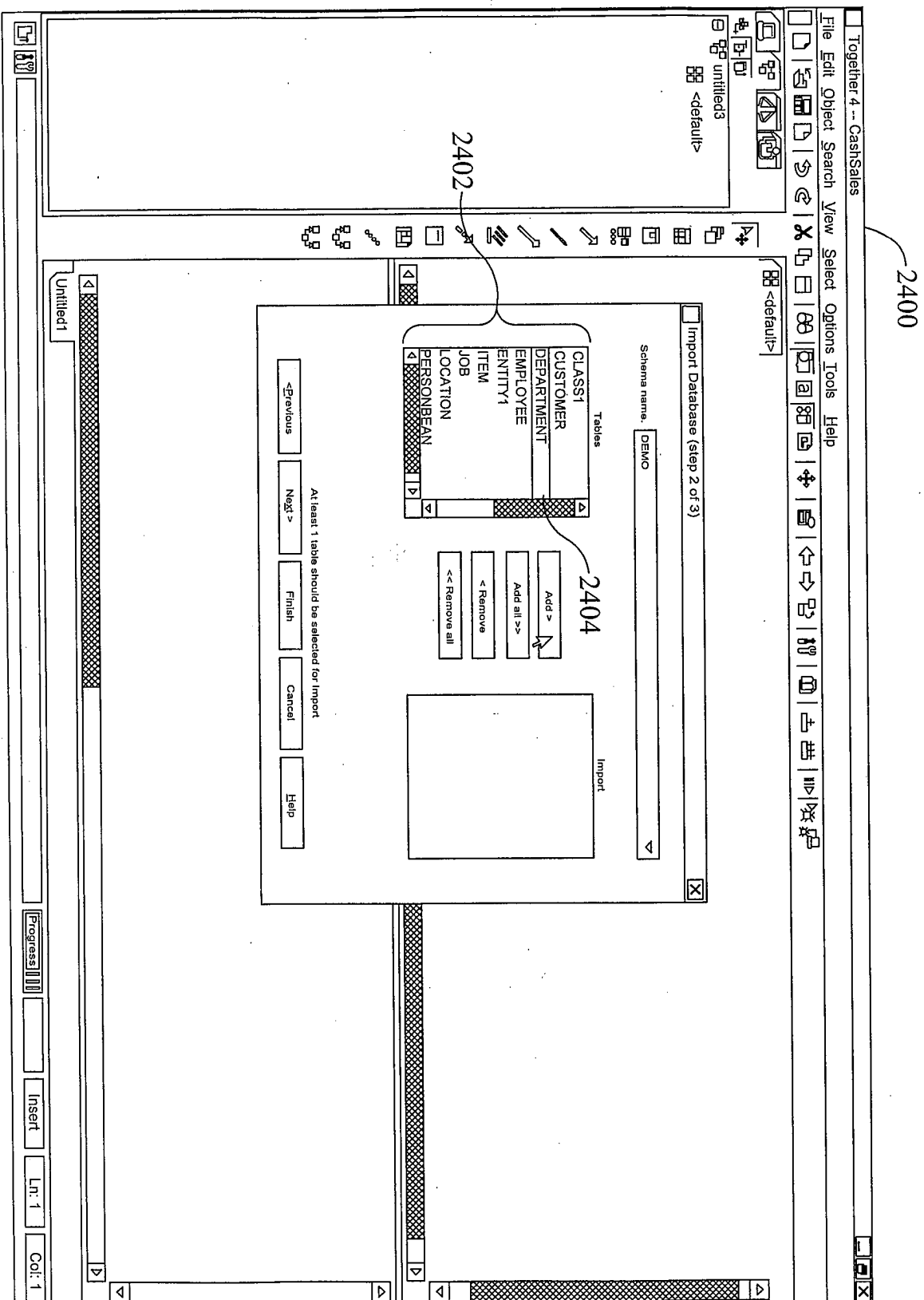


FIG. 24

# Replacement Sheet

2500

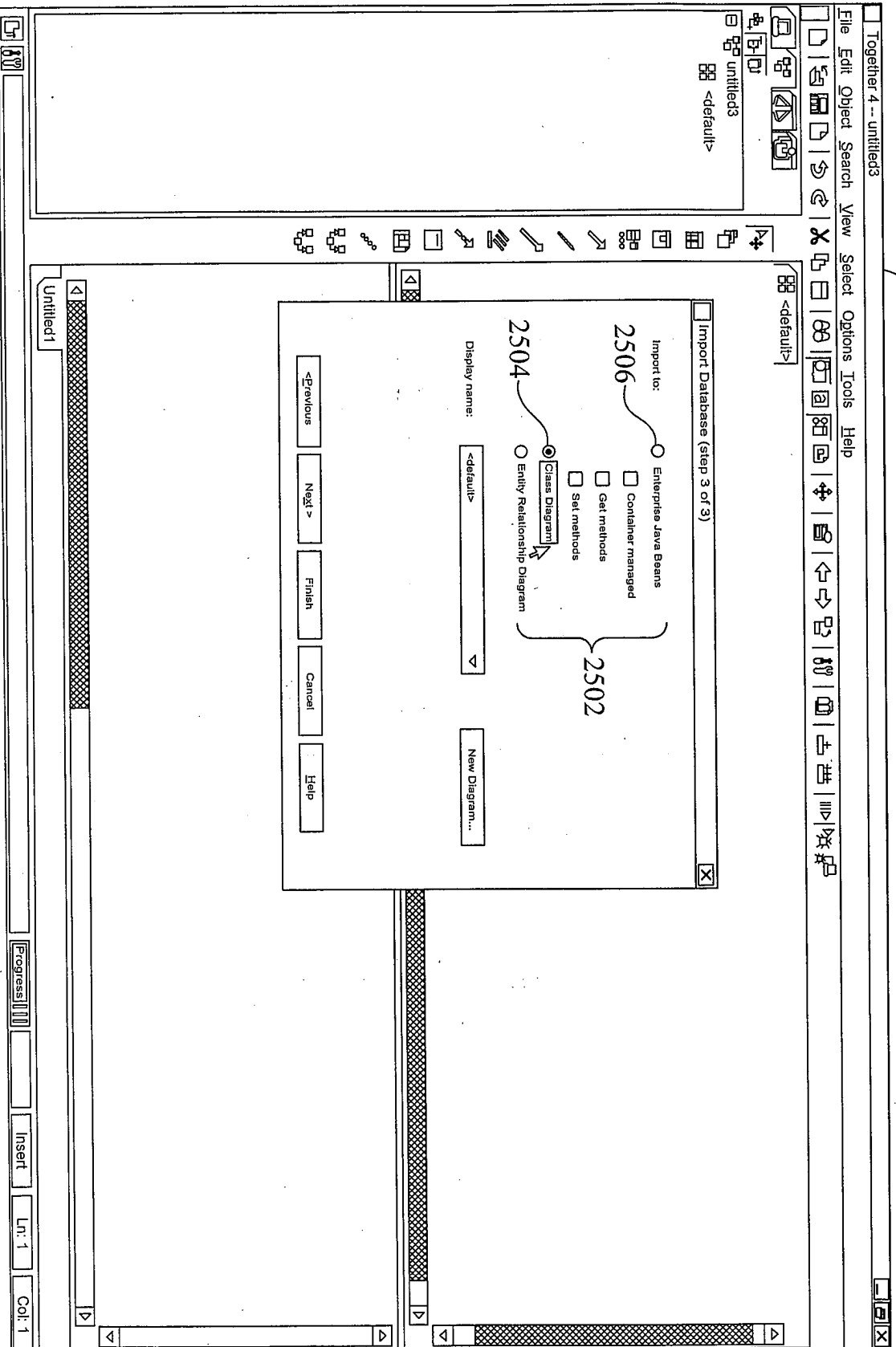


FIG. 25

# Replacement Sheet

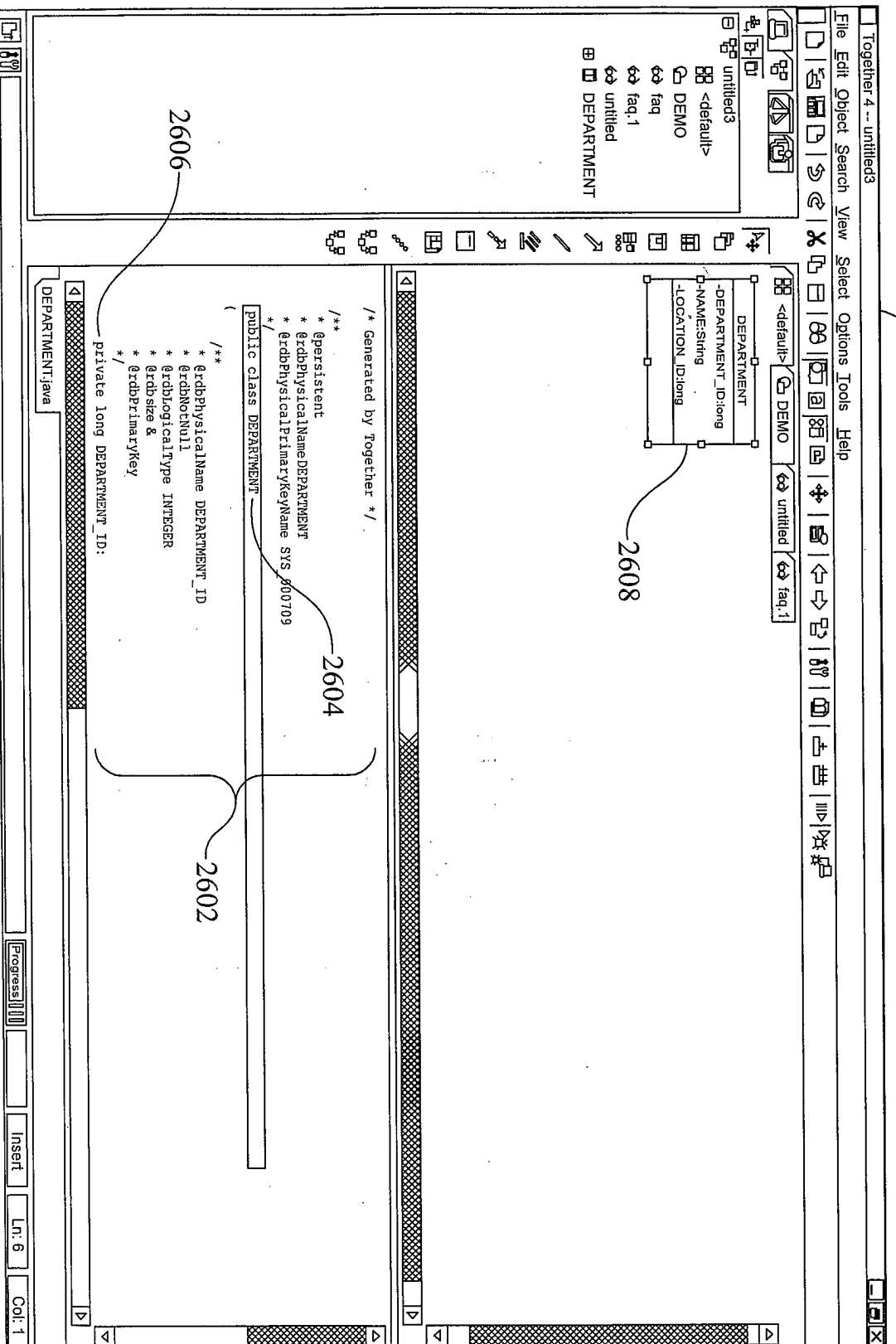


FIG. 26



# Replacement Sheet

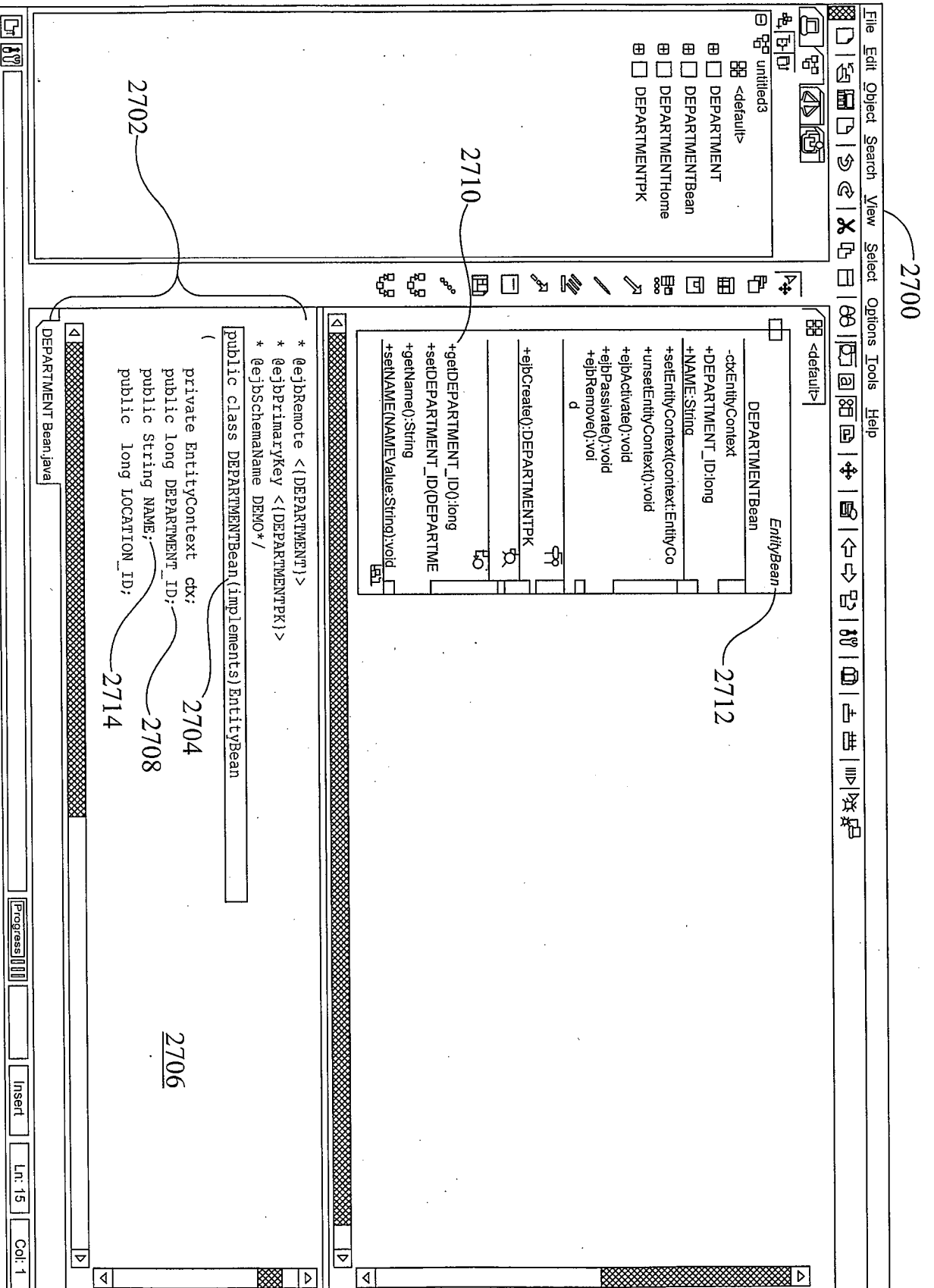


FIG. 27

# Replacement Sheet

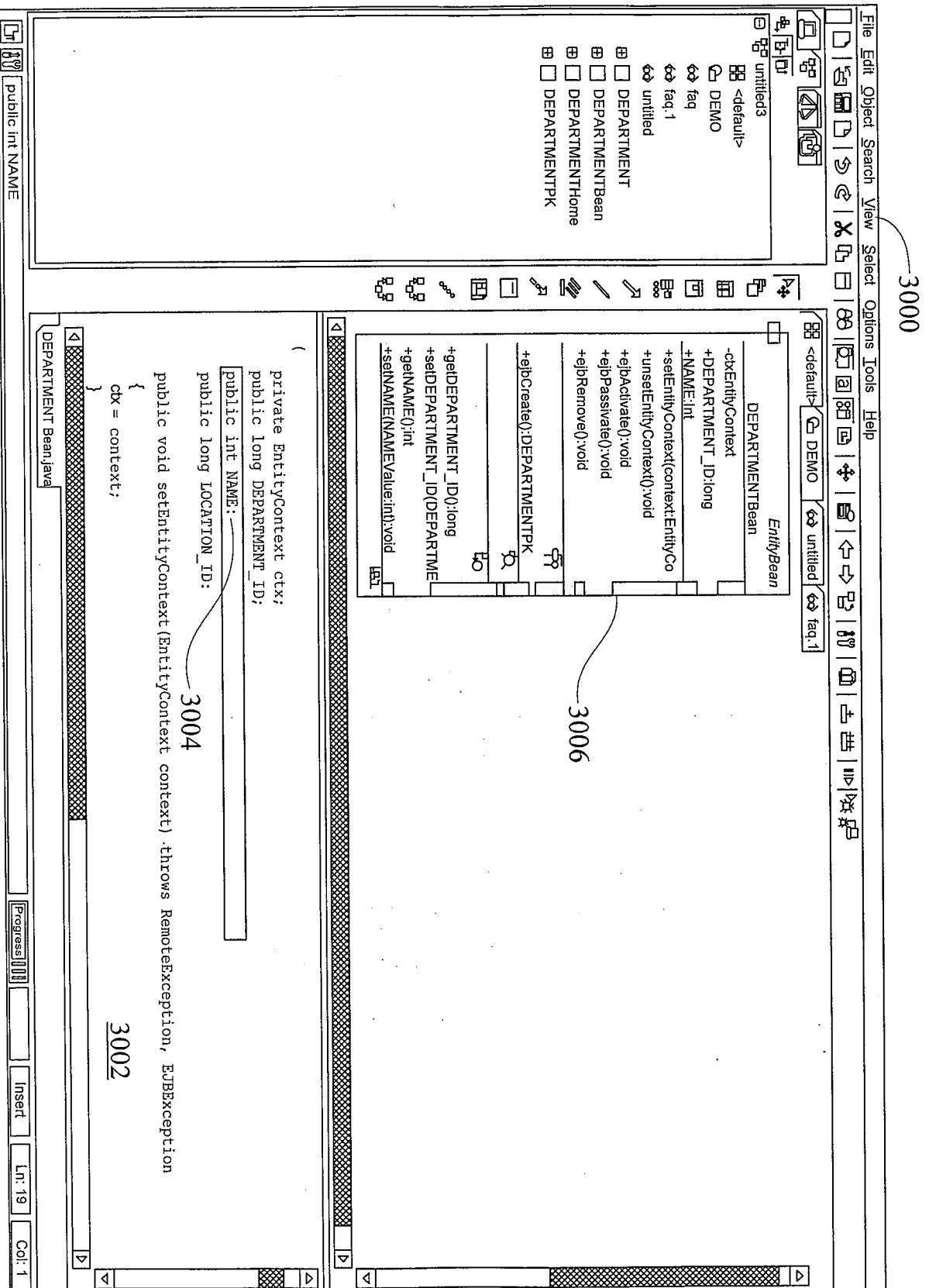


FIG. 30



Col: 1

# Replacement Sheet

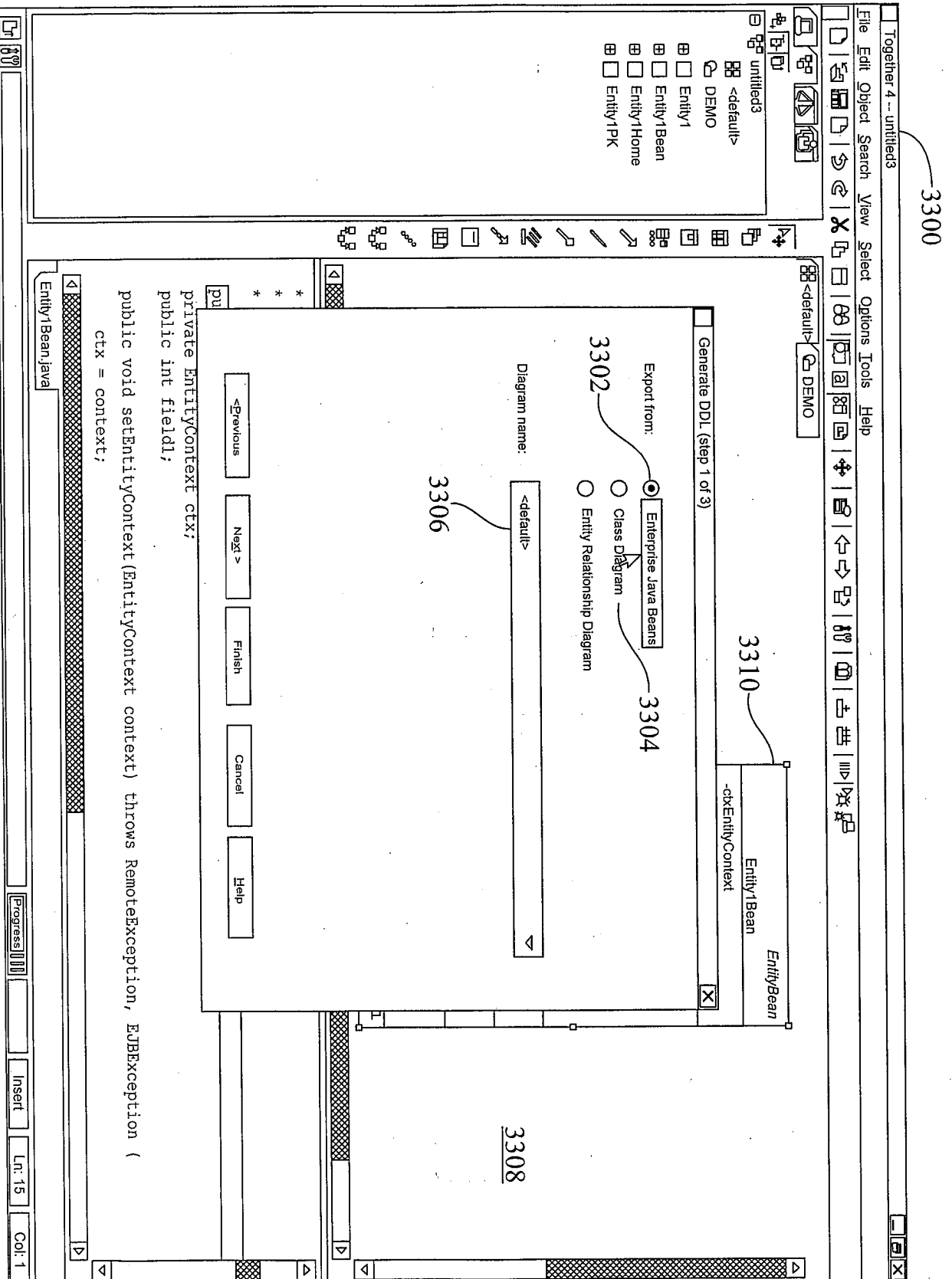


FIG. 33

# Replacement Sheet

Together 4 -- untitled3
File Edit Object Search View Select Options Tools Help

untitled3

<default>

DEMO

Entity1

Entity1Bean

Entity1Home

Entity1PK

Generate DDL (step 2 of 3)

☒ Generate DDL only 3414

☐ Generate and run 3412

Server Type: ODBC/Access 97 3404

JDBC Driver: sun.jdbc.odbc.JdbcOdbcDriver 3406

Class path: 3408

URL: jdbc:odbc:NorthWind

Prefix: jdbc:odbc: Host name:

Database: NorthWind Port:

User name: Admin Password:

<Previous Next > Finish Cancel Help

EntityBean

-cxEntityContext

```

private EntityContext ctx;
public int field1;

public void setEntityContext (EntityContext context) throws RemoteException, EJBException {
    ctx = context;
}
        
```

Entity1Bean.java
Progress 100%
Ln: 15 Col: 1

FIG. 34

## -3500



FIG. 35